I claim:

1. An apparatus for generating sine waves of electromotive force, comprising:

a battery including a given number of cells connected in series;

a stator and commutator formed by a multiple of segments, the multiple equaling said given number of cells multiplied by a natural number;

each of said segments being connected sequentially to a respective one of said cells.

2. The apparatus according to claim 1, wherein said natural number is at least two and said segments are in order of ascending positive voltages, descending positive voltages, descending negative voltages, and increasing negative voltages.

3. A rotary switch, comprising:

the apparatus according to claim 1; and

a rotor having a brush and turning concentrically within said commutator with said brush contacting said segments.

4. A rotary switch, comprising:

the apparatus according to claim 1; and

a rotor turning concentrically within said commutator

a number of brushes disposed on said rotor and contacting said segments.

5. The rotary switch according to claim 4, wherein said number of brushes equals a number of desired phases.

6. The rotary switch according to claim 4, wherein said brushes are evenly distributed about said rotor.

7. The rotary switch according to claim 4, further comprising a counterbalance disposed on said rotor opposite said brush.

8. The rotary switch according to claim 4, further comprising a slip ring on said axis connected to said brush.

9. The rotary switch according to claim 6, further comprising a number of slip rings equaling said number of brushes, each one of said slip rings being connected to a respective one of said brushes.

10. The rotary switch according to claim 4, further comprising:

an electric motor connected to said axis of said rotor; and

a starter connected to said electric motor.

11. A rotary switch, comprising:

a battery including a given number of cells connected in series;

a plurality of stators and commutators each formed by a multiple of segments, said multiple equaling said given number of cells multiplied by a natural number, each of said segments being connected sequentially to a respective one of said cells, and said stators and commutators being connected in parallel to said battery; and

a respective rotor for each of said stators and commutators, each having a brush and turning concentrically within said commutator with said brush contacting said segments.

12. The rotary switch according to claim 11, wherein said rotors are coaxial.

13. In a house using alternating current and having a transfer box connected to a main breaker of an electric utility; an emergency generator, comprising:

the rotary switch according to claim 3 having and output connected to the transfer box; and

a battery charger interconnecting the main breaker to said battery and configured to convert alternating current from the electric utility to direct current for charging said battery.

14. In a house using alternating current and having a fuse box; a generator, comprising:

the rotary switch according to claim 3 having and output connected to the fuse box; and

a battery charger connected to said battery and configured to provide direct current for charging said battery.

15. The generator according to claim 14, wherein said battery charger includes an alternator and a motor turning said alternator.

16. The generator according to claim 14, wherein said battery charger includes a solar panel.